

FIG. 1A

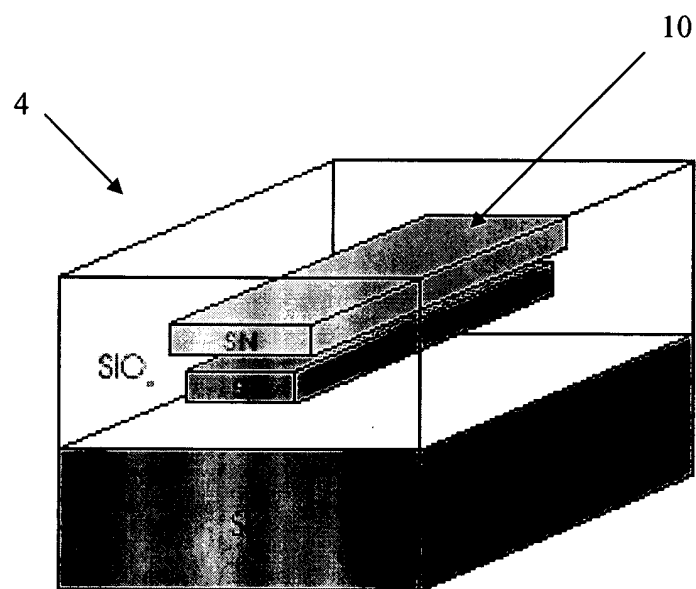


FIG. 1B

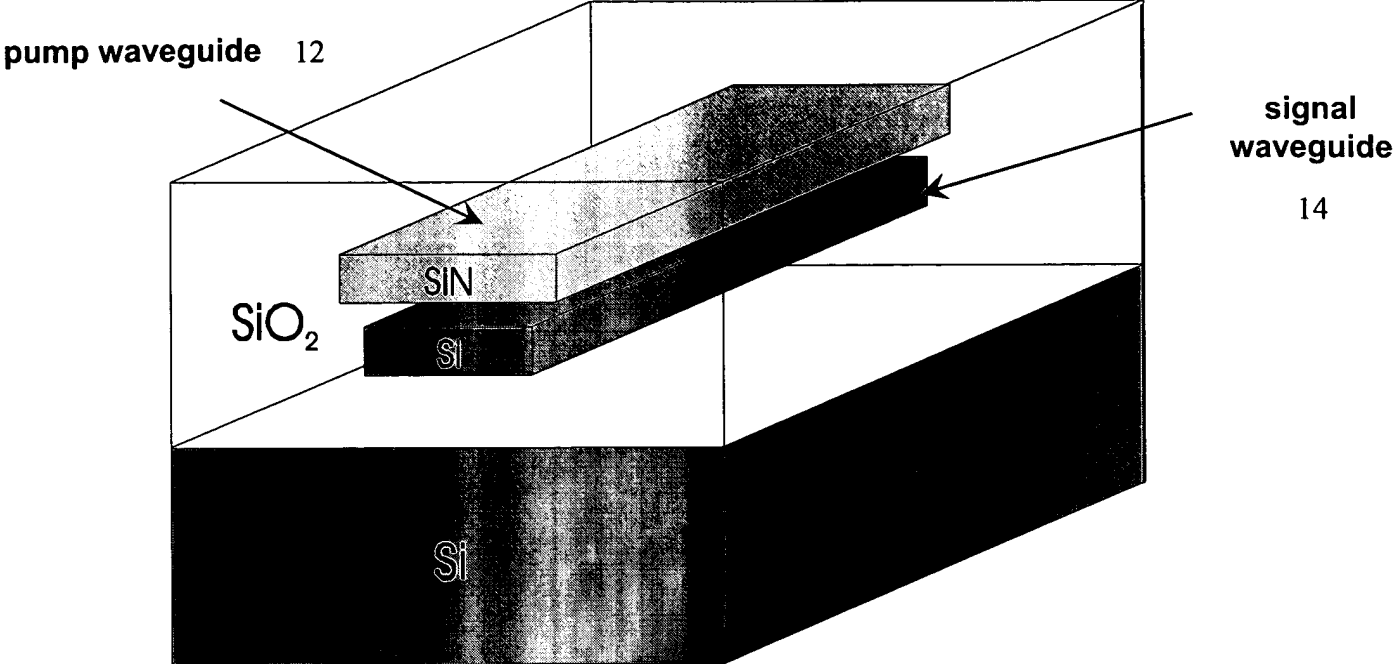


FIG. 2A

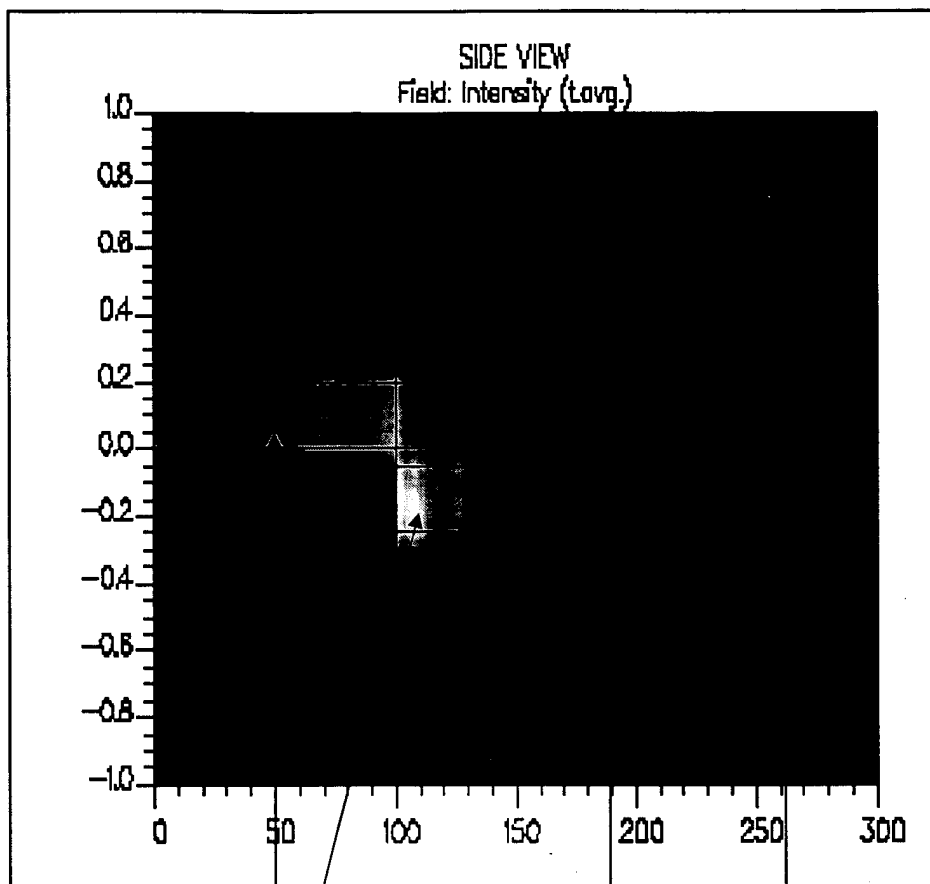


FIG. 2B

Pump waveguide

Signal waveguide

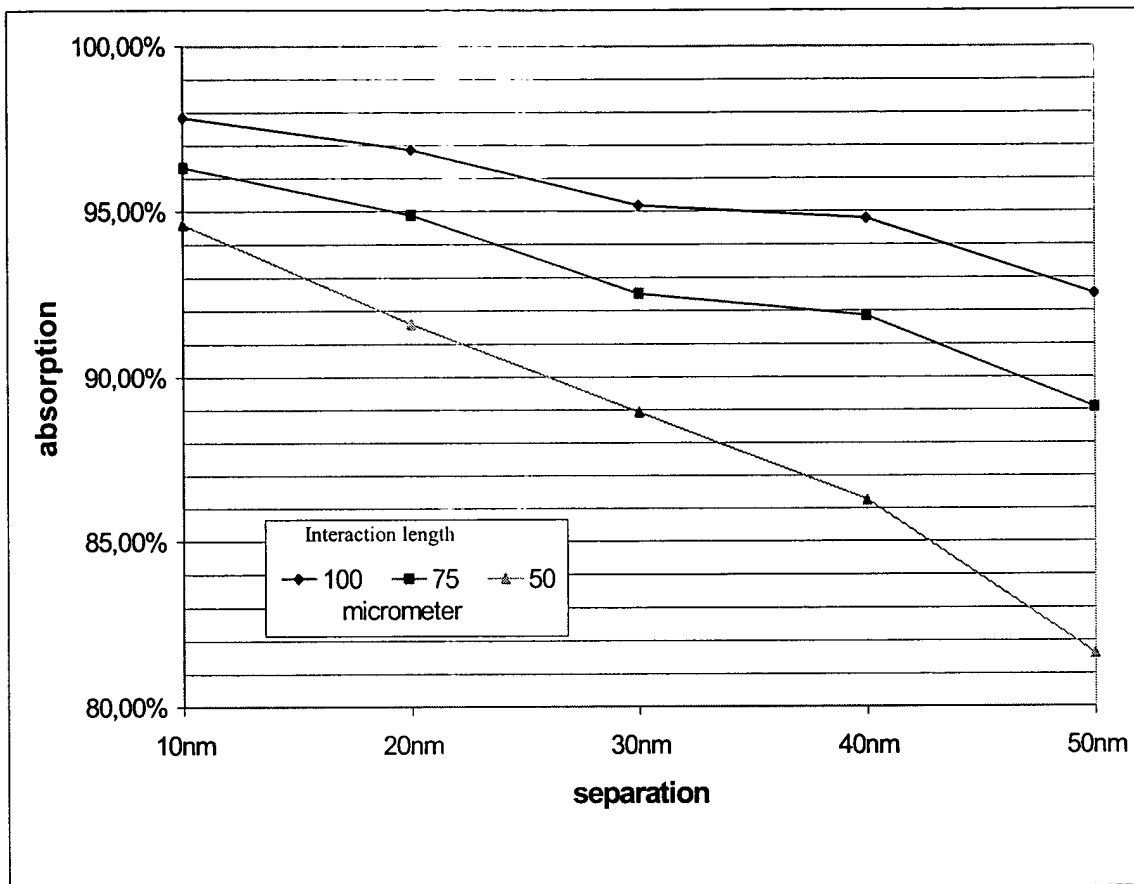


FIG. 2C

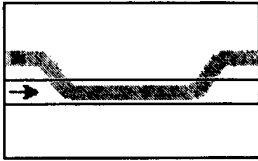


FIG. 3A

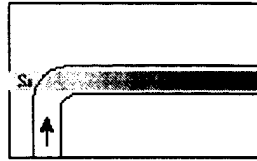


FIG. 3B

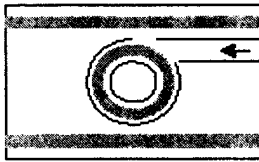


FIG. 3C

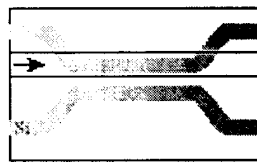


FIG. 3D

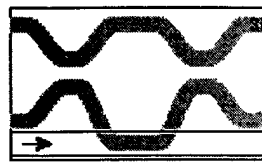
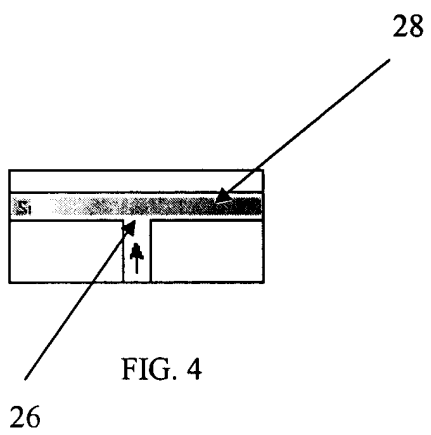


FIG. 3E



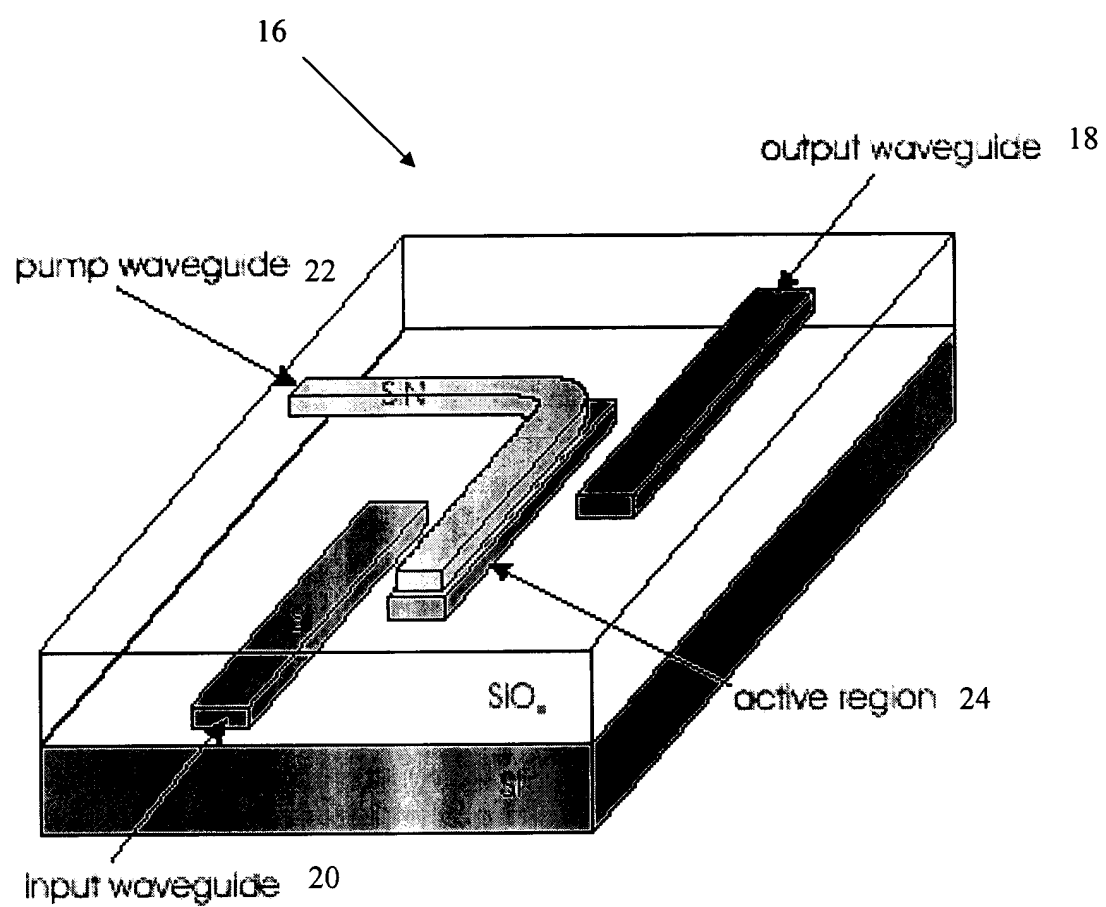


FIG. 5

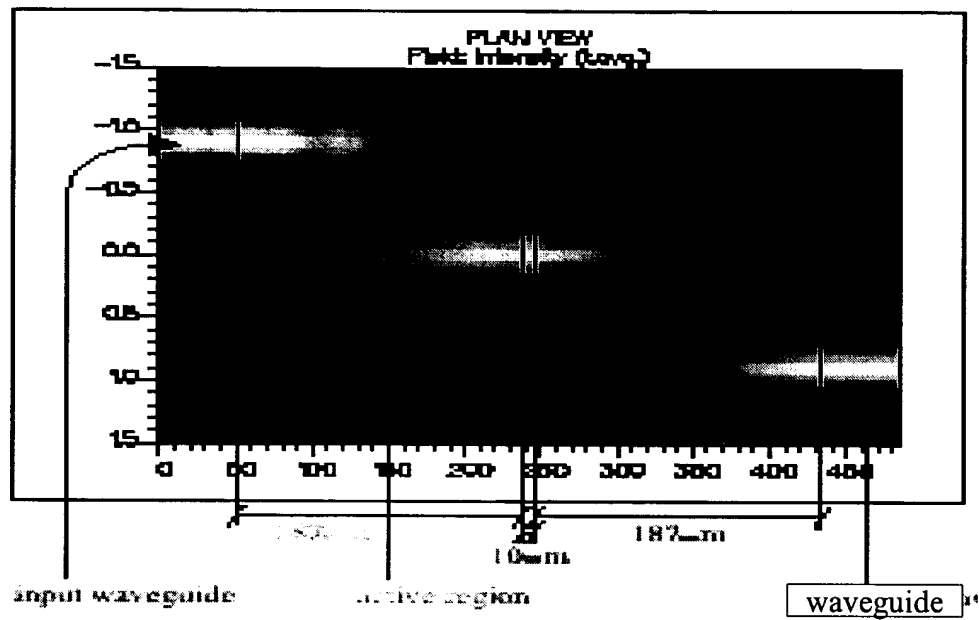


FIG. 6A

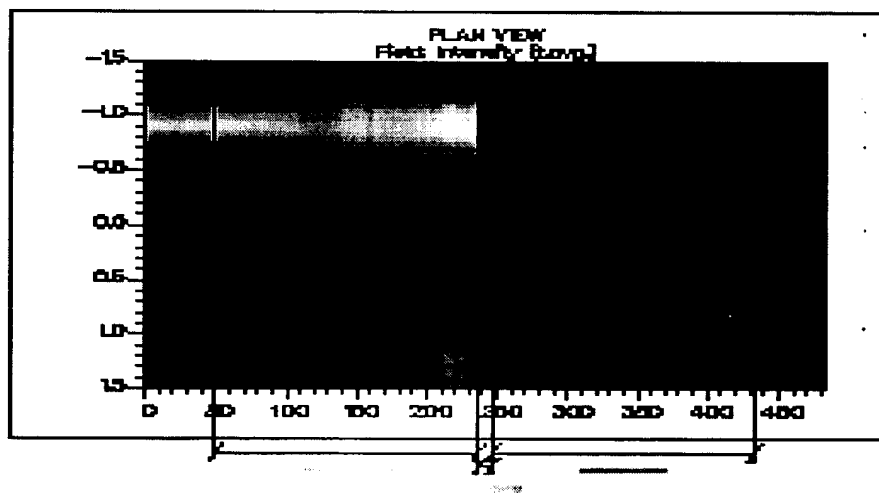


FIG. 6B



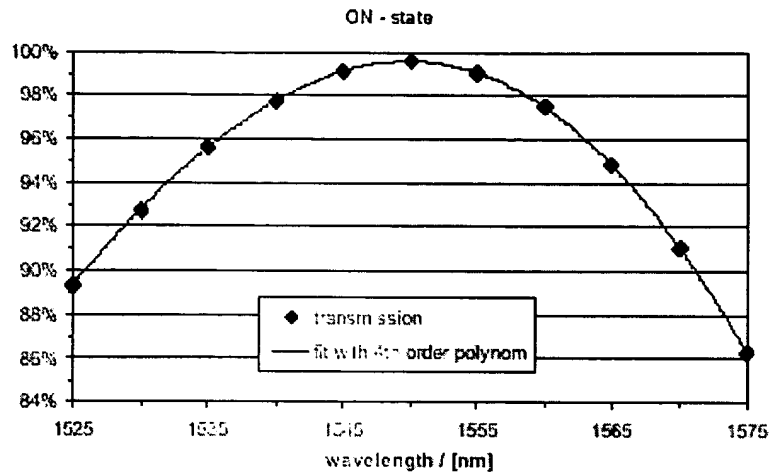


FIG. 7A

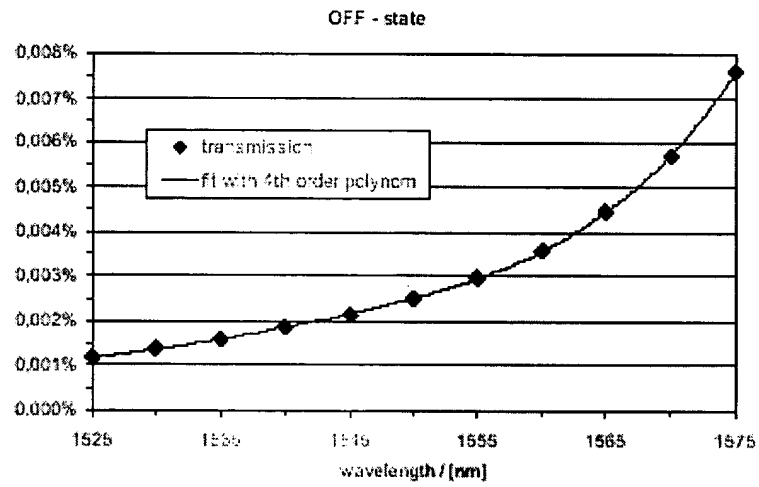


FIG. 7B

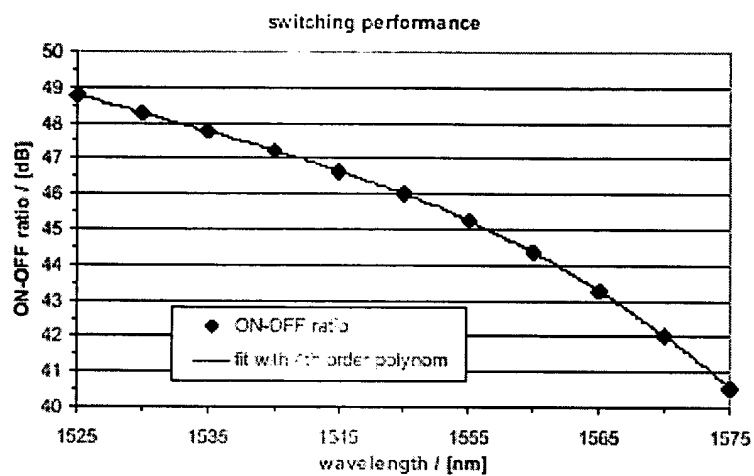


FIG. 8